

FORM PTO-1449 (Modified) (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. X-5683A	SERIAL NO. 628,002
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT David B. Anderson et al.	
		FILING DATE July 5, 1984	GROUP 125

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA					
	AB					
	AC					
	AD					
<i>BC</i>	AE	4,391,826	7/83 Mills et al.	424	324	
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
<i>D</i>	AL 19241/83	1983 9/83	Australian (EPO 010383 published 3-28-84)			
<i>N</i>	AM 26298	4/81	EPO (Kiernan et al.)	A23K	16	
<i>2 EPO</i>	AN 0007205	1/80	EPO			
<i>2</i>	AO 79/3296	2/81	S. African (Mills et al.)			
<i>2 EPO</i>	AP 49728	4/82	EPO (Kiernan et al.)	A23K	16	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>N</i>	AR	Van Dijk et al., Recueil, 92, 1281-1297 (1973)
	AS	
	AT	

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DATE CONSIDERED

6-9-86

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1

FORM PTO-1449 (Modified) (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. X-5683		SERIAL NO. 811 059	
LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>				APPLICANT David B. Anderson, Klaus Schmiegel, Edward Veenhuizen		FILING DATE GROUP	

U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>2</i>	AA	4 0 8 6 2 7 2	4/78	Cox et al.	260	559D		
<i>2</i>	AB	4 33 8 3 3 3	7/82	Ainsworth et al.	424	309		
<i>2</i>	AC	4 30 5 9 6 0	12/81	Haynes	424	330		
<i>2</i>	AD	4 27 9 9 2 5	7/81	Haynes	424	311		
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>2</i>	AL	6 73 5	1/80	EPO (Ainsworth et al.)	E07C 101	42		
<i>2</i>	AM	2 6 2 9 8	4/81	EPO (Kiernan et al.)	A23K 1	16		
<i>2</i>	AN	7 9 3 2 9 5	2/81	S. African (Mills et al.)				
<i>2</i>	AO	7 9 3 2 9 6	2/81	S. African (Mills et al.)				
	AP	4 9 7 2 8 4	82	EPO (Kiernan et al.)	A23K 1	16		

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
<i>2</i>	AR	Van Dijk et al., Recueil, 92, 1281-1297 (1973) <div style="text-align: center;">17</div>
<i>2</i>	AL ¹	EPO 7205 (Mills et al.) published 1/80
	AT	

EXAMINER <i>W. J. Lee</i>	DATE CONSIDERED 6-9-86
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OMN PTO-1447 (Modified)
REV. 7-80

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

X-5683

SERIAL NO.

841 057

LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT David B. Anderson,
Klaus Schmiegell, Edward Veenhuizen
FILING DATE GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	4 086 272	4/78	Cox et al.	260	559D	
AB	4 338 333	7/82	Ainsworth et al.	424	309	
AC	4 305 960	12/81	Haynes	424	330	
AD	4 279 925	7/81	Haynes	424	311	
AE						
AF						
AG						
AH						
AI						
AJ						
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
EPK	6 735	1/80	EPO (Ainsworth et al.)	E07C 101	42	
AM	2 629 8	4/81	EPO (Kiernam et al.)	A23K	16	
AM	7 932 95	2/81	S. African (Mills et al.)			
AO	7 932 96	2/81	S. African (Mills et al.)			
AP	4 972 84	8/82	EPO (Kiernam et al.)	A23K 1	16	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Van Dijk et al., Recueil, 92, 1281-1297 (1973)
AL ¹	EPO 7205 (Mills et al.) published 1/80
AT	

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DATE CONSIDERED

6-9-86

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FORM PTO-1449 (Modified) (REV. 7-80)		U.S. DEPARTMENT PATENT AND TRADE		COMMERCE IN OFFICE		ATTY. DOCKET NO. X-5683		SHEET <u>1</u> of <u>1</u> SERIAL NO. 462,587 811059	
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)						APPLICANT David B. Anderson et al.			
						FILING DATE 12/19/85		GROUP 125	
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
AA									
AB									
AC									
AD									
AE									
AF									
AG									
AH									
AI									
AJ									
AK									
FOREIGN PATENT DOCUMENTS									
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO			
<input checked="" type="checkbox"/>	AL 19241/83	9/1983	Australian equivalent						
	AM		to EPO 0103 83 published 3-28-84						
	AN		cf. Derwent Abstract 84-076585/13						
	AO		DE 3234-995-A priority to DE 234995 filed 9-22-82						
	AP								
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)									
AR									
AS									
AT									
EXAMINER FW-Hee				DATE CONSIDERED 6-9-86					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 602; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

FORM PTO-1449 (Modified)
 (REV. 7-80)

U.S. DEPARTMENT
 OF COMMERCE
 PATENT AND TRADE
 OFFICE

ATTY. DOCKET NO.
X-5683

SERIAL NO. **811059**
 CLASS NO. **463587**

LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT
David B. Anderson et al.

FILING DATE
January 31, 1983

GROUP
125

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<u>2</u>	AL	19241/83	1983	Australian equivalent		
	AM			to EPO 0103 83 published		
	AN			3-28-84		
	AO			cf. Derwent Abstract 84-076585/13		
	AP			DE 3234-995-A priority to		
				DE 234995 filed 9-22-82		

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)						
AR						
AS						
AT						

EXAMINER
FWL

DATE CONSIDERED
6-9-86

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 603; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 2

FORM PTO-1449 (Modified) (REV. 7-40)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. X-5683C	SERIAL NO. 811 059
LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i> 4				APPLICANT D.B. Anderson, K.K. Schmiegell & E.L. Veenhuizen	
				FILING DATE 5/7/86 GROUP 120	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA					
	AB					
	AC					
	AD					
	AE					
<i>B</i>	AF	3,818,101	6/74	Baile et al.	424	300
<i>2</i>	AG	4,271,195	6/81	Keasling	424	330
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>214</i>							
<i>M</i>	67 3994	3/67	South African				
	AM						
	AN						
	AO						
	AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
AR		
AS		
AT		

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 2-3-86
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Sheet 1 of 2

FORM PTO-1449 (Modified) (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. X-5683C		SERIAL NO. 811 059	
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT D.B. Anderson, K.K. Schmiegell & E.L. Veenhuizen		FILING DATE 5/7/86	
				GROUP 120			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
<i>B</i>	AF	3,818,101	6/74	Baile et al.	424	300	
<i>W</i>	AG	4,271,195	6/81	Keasling	424	330	
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>M</i>	AM AH	67 3994	3/67	South African			
	AM						
	AN						
	AO						
	AP						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER <i>Wardell</i>				DATE CONSIDERED 2-3-86			
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X-5683C

~~860,719~~ 811059

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT
David B. Anderson, et al.

FILING DATE
May 7, 1986

GROUP	125
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EXAMINER
INITIAL

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

2

BA

Baker et al., Use of an adrenergic agonist to alter muscle and fat deposition in lambs, Fed. Prod., 42, 1983 (3069

2

BB

Ricks et al., Use of a β -agonist to alter fat and muscle deposition in steers, Fed. Proc., 42, 1983 (3070)

④

BC

Dalrymple et al., Use of the β -agonist clenbuterol to alter carcass composition in poultry, Fed. Proc., 42, 1983 (2203)



BD

Borsini et al., Life Sciences, 30, pp. 905-911 (1982)

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DATE CONSIDERED

2-3-86

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X-5683C

~~860,719~~ 811 059

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT
David B. Anderson, et al.

FILING DATE
May 7, 1986

GROUP
125

EXAMINER
INITIAL

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

2

Baker et al., Use of an adrenergic agonist to alter muscle and fat deposition in lambs, Fed. Prod., 42, 1983 (3069

[Signature]

Ricks et al., Use of a β -agonist to alter fat and muscle deposition in steers, Fed. Proc., 42, 1983 (3070)



Dalrymple et al., Use of the β -agonist clenbuterol to alter carcass composition in poultry, Fed. Proc., 42, 1983 (2203)



Borsini et al., *Life Sciences*, 30, pp. 905-911 (1982)

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MINER
A. Wall

DATE CONSIDERED

2-3-86

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